

# **Arboricultural Method Statement & Arboricultural Impact Assessment**

For

**Haulfryn, Llanarth**

Prepared By



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June 2025

# Arboricultural Method Statement & Arboricultural Impact Assessment

For

**Parc Tawe**

On behalf of

**Wales & West**

Prepared by

Tirlun Design Associates Ltd  
The Granary  
Newland Fawr Farm  
Llangan  
CF35 5DN

Tel : 01446 789367

Fax : 01446 448119

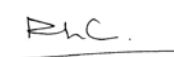
E-Mail: admin@tirlun-design.co.uk

## Document Approval

This document has been prepared and checked in accordance with Tirlun Design Associates' quality control system

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Author: **Mr. Rhodri Crandon**

Approved: 

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Drawing no. TDA.3072.03 - Tree Protection Plan

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Protective Tree Barrier & Example of Signage

## 1.0 Supporting Information

## **1.1 INTRODUCTION**

### **1.11 Generally**

Trees are of vital importance to the landscape and are essential for enhancing the rural and urban environment. They provide scenic character, visual amenity and are vital habitats for dependent wildlife populations.

The retention of existing trees within a new development provides an immediate sense of maturity for the benefit of a site and its surroundings, raising the overall quality of a scheme and enhancing property value.

Trees which are damaged, or their immediate environment significantly changed by a development, may subsequently decline and die resulting in all positive benefits being lost.

### **1.12 Purpose of Tree Protection Plan**

The purpose of this statement/plan is to provide the developer and the appointed building contractor (and any associated sub-contractors) with an accurate record of above and below ground constraints presented by the existing retained trees on site together with measures for their protection during construction operations. The Tree Protection Plan, drawing no. TDA.3072.03, is included within Appendix 1.

The Tree Protection Plan shall be issued to selected contractors tendering for the construction of the proposed development and will form part of the future building contract.

## 1.2 METHODOLOGY

### 1.21 Generally

The Pre-development Tree Survey & Assessment and Tree Constraints plan were used to inform the Arboricultural Method Statement, Tree Protection Plan and Arboricultural Impact Assessment.

### 1.22 Content of Tree Protection Plan

Drawing no. TDA.3072.03 has been produced in accordance with BS5837:2012 and includes:

Trees identified for retention. These trees, marked with a coloured trunk are identified by number and category as follows:

Category A (Green)	High Quality and Value
Category B (Blue)	Moderate Quality and Value
Category C (Grey)	Low Quality and Value

The user of the Plan can clearly identify the merit of each tree from the drawing and, if required, refer to the specific notes in the Tree Survey Schedule included within the arboricultural survey.

The Root Protection Area (RPA) for each retained tree based on the arboricultural survey and drawn in accordance with BS5837:2012.

The precise location and description of the protective fencing to protect the crowns and RPA's of retained trees and hedgerows. A diagram of the proposed protective fencing, as stipulated within BS5837:2012, can be seen in Appendix 2.

Areas falling within protected areas have been marked as 'Construction Exclusion Zones'.

### **1.23 Areas of Conflict**

There are no areas of conflict between the existing trees and development proposals

Generally, any construction within RPA's is to be carried out in accordance with BS5837:2012 Paragraph 7.2 which states that:

- Existing ground levels should be retained within the RPA.
- Construction areas are to be hand dug with care. Any roots smaller than 25mm encountered are to be cleanly cut with a pruning saw. A suitably qualified arboricultural contractor should be consulted prior to the severing of any roots occurring in clumps or of 25mm and over.
- Exposed tree roots are to be wrapped immediately, for the duration of their exposure. Wrapping to be removed prior to backfilling which should take place as soon as possible.
- Prior to backfilling retained roots should be surrounded with topsoil, sharp sand or other inert granular fill before soil or other suitable material is replaced.

### **1.24 Services**

Service runs are to be implemented in accordance with The NJUG Guidelines for the Planning, Installation & Maintenance of Utility Apparatus in Proximity to Trees 2007 (Volume 4).

**NO CULTIVATION IS TO TAKE PLACE WITHIN THE RPA OF RETAINED TREES**

## 1.25 Order of Arboricultural Works

Protective fencing for trees is to be erected prior to any site preparation, clearance or development. The fencing is to remain during all construction operations on site.

Where construction working space or temporary construction access is required within the RPA's of existing trees, existing surfaces are to be left undisturbed and protected in one of three ways and accordance with Section 6.2.3 of BS5837:2012 which states that:

*'A) For pedestrian movements only, a single thickness of scaffold boards placed either on top of a driven scaffold frame, so as to form a suspended walkway, or on top of a compression-resistant layer (eg. 100mm depth of woodchip), laid onto a geotextile membrane.*

*B) For pedestrian-operated plant up to a gross weight of 2t, proprietary, inter-linked ground protection boards placed on top of a compression resistant layer (eg. 150mm of woodchip), Laid onto a geotextile membrane.*

*C) For wheeled or tracked construction traffic exceeding 2t gross weight, an alternative system (eg. proprietary systems or pre-cast reinforced concrete slabs) to an engineering specification designed in conjunction with arboricultural advice, to accommodate the likely loading to which it will be subjected.*

Tree protection barriers are to be regularly inspected and construction operations undertaken close to existing trees are to be closely monitored.

All vehicle movements are to be confined to proposed compound areas where possible. Any vehicles required in other areas (for delivery of construction materials) are to be accompanied by designated supervisors to ensure protection of trees.

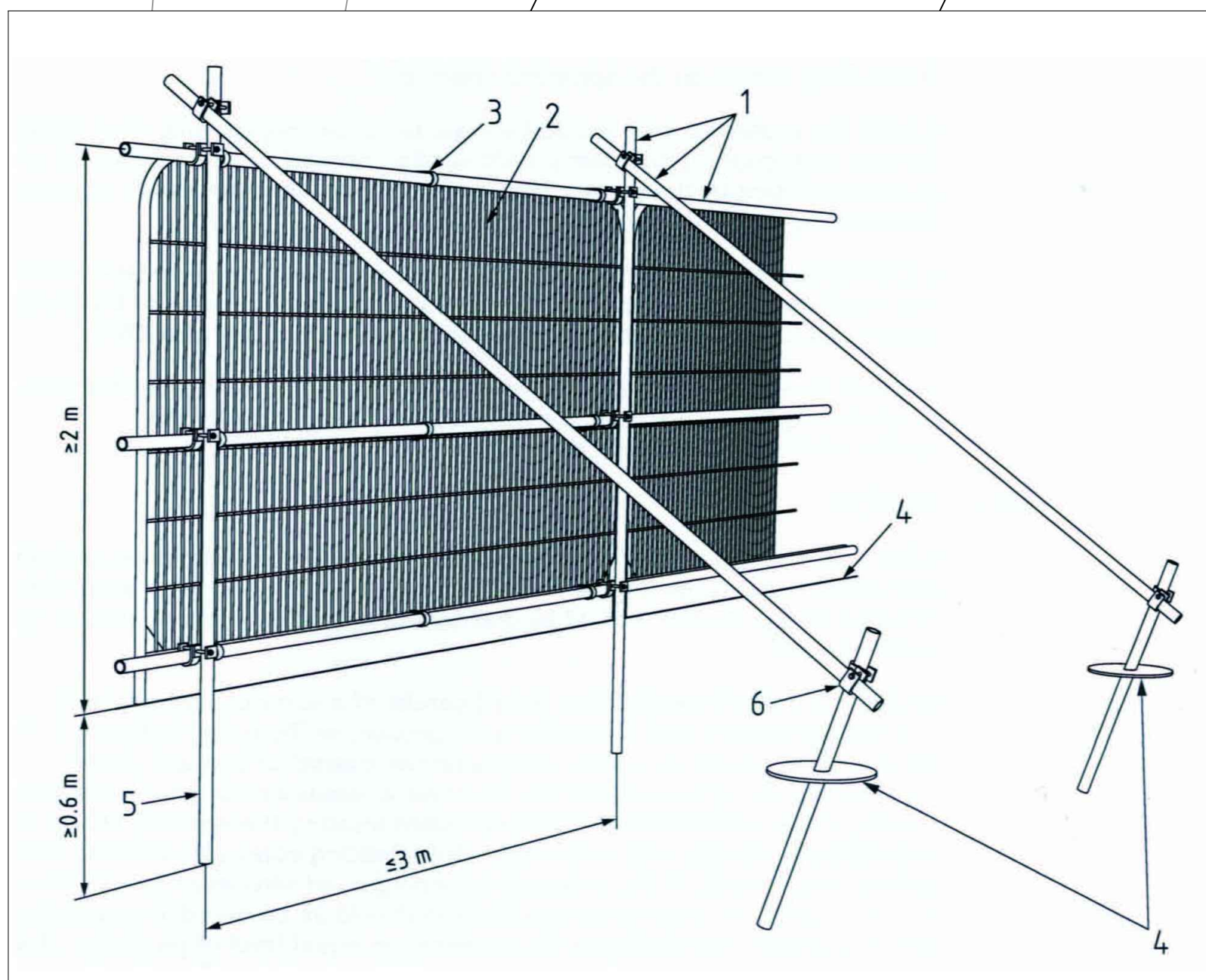


## 2.0 Appendix 1





**PROTECTIVE TREE BARRIER**



- |  |   |
|--|---|
| 1) Standard scaffold poles   | 4) Ground level   |
| 2) Heavy gauge 2m tall galvanised tube and welded mesh infill panels | 5) Uprights driven into ground until secure (minimum depth of 0.6m) |
| 3) Panels secured to uprights and cross-members with wire ties       | 6) Standard scaffold clamps   |

**KEY**

- EXISTING TREES TO BE RETAINED & PROTECTED IN ACCORDANCE WITH BS5837:2012
- ROOT PROTECTION AREA
- PROPOSED LINE OF PROTECTIVE FENCING  
(Fencing to be erected prior to any site preparation, clearance or development. Fence to remain during construction operations on site)
- CONSTRUCTION EXCLUSION ZONE  
(With the exception of proposed landscape works and scaffolding, storage of materials, construction spoil, siting of offices/steel containers & cement mixing areas strictly prohibited from this area to avoid damage to tree roots)
- SUGGESTED SITE COMPOUND LOCATIONS

**NOTE:**

No Cultivation is to take place within Root Protection Areas

Final location and type of protective fencing/ground protection measures to be agreed on-site with local authority prior to commencement of development.

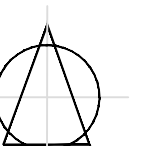
Any pre-development tree surgery works to be agreed with local authority and undertaken in accordance with BS3998:2010.

Works to be undertaken by suitably qualified arboricultural contractor.

TDA  
THE GRANARY  
NEWLAND FAWR FARM  
LLANGAN  
CF35 5DN  
TEL: 01446 7789367



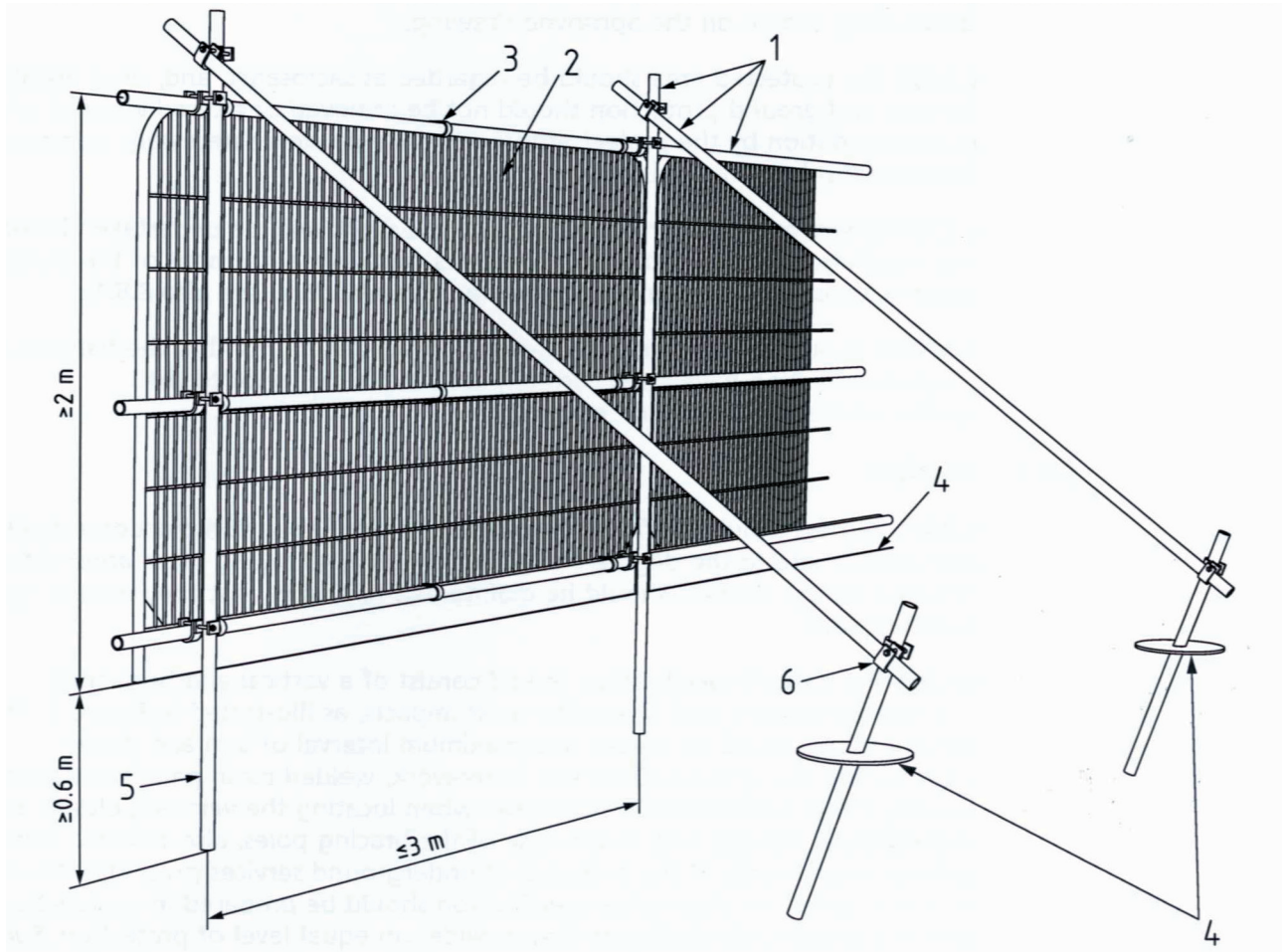
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DRAWING TITLE	TREE PROTECTION DRAWING		





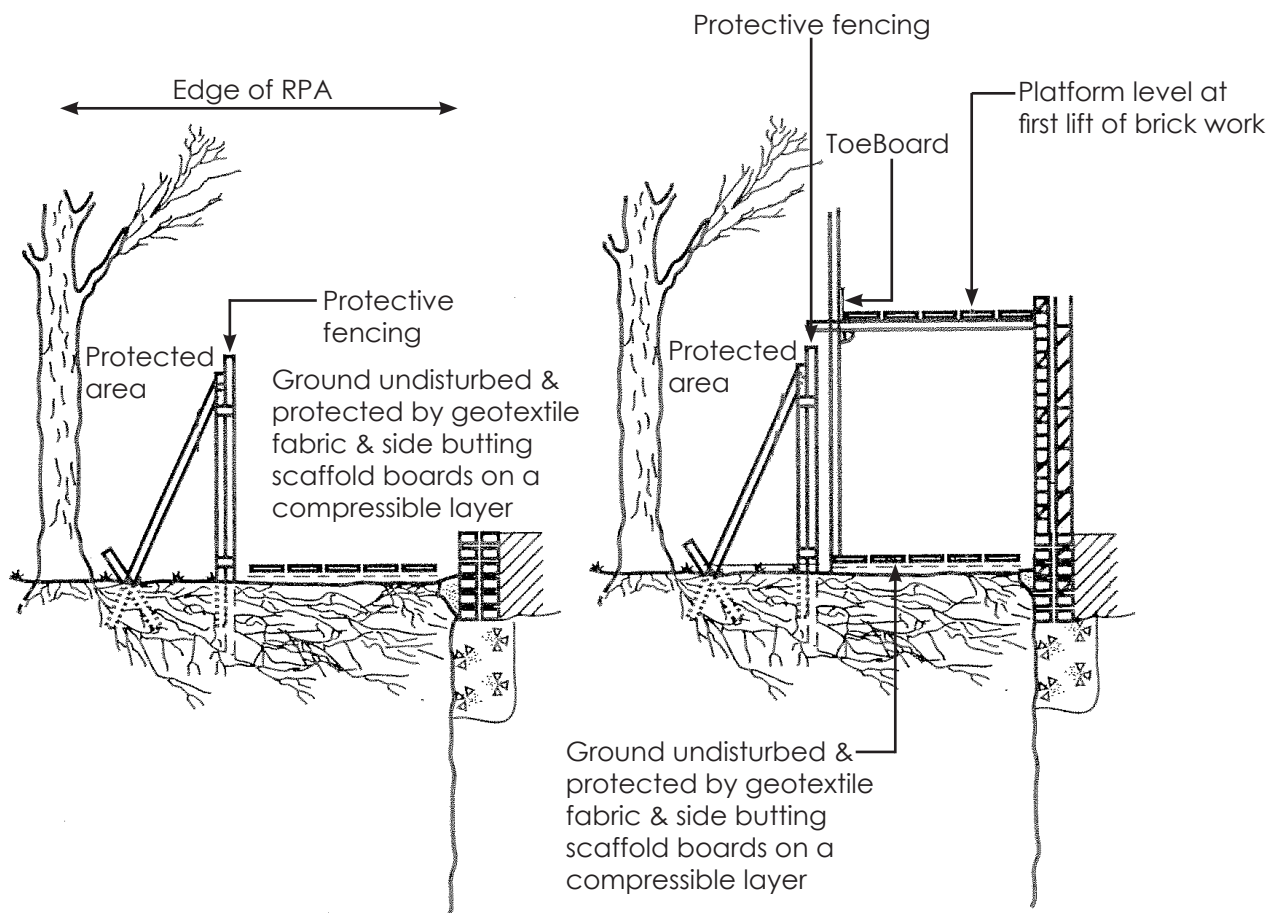
## 3.0 Appendix 2

## Protective Tree Barrier (in accordance with BS5837:2012)



- 1) Standard scaffold poles
- 2) Heavy gauge 2m tall galvanised tube and welded mesh infill panels
- 3) Panels secured to uprights and cross-members with wire ties
- 4) Ground level
- 5) Uprights driven into ground until secure (minimum depth of 0.6m)
- 6) Standard scaffold clamps

## Scaffolding Within The Root Protection Area





**PROTECTIVE FENCING. THIS  
FENCING MUST BE  
MAINTAINED IN ACCORDANCE  
WITH THE APPROVED PLANS  
AND DRAWINGS FOR THIS  
DEVELOPMENT.**



**TREE PROTECTION AREA  
KEEP OUT !**

**(TOWN & COUNTRY PLANNING ACT 1990)  
TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY  
PLANNING CONDITIONS AND/OR ARE THE SUBJECTS OF A  
TREE PRESERVATION ORDER.  
CONTRAVENTION OF A TREE PRESERVATION ORDER MAY  
LEAD TO CRIMINAL PROSECUTION**

**ANY INCURSION INTO THE PROTECTED AREA MUST BE  
WITH THE WRITTEN PERMISSION OF THE LOCAL  
PLANNING AUTHORITY**